

## AUDITING DATA USING OBSERVABLE AND OBSERVER OBJECTS

### Abstract of the Disclosure

An observable object represents a feature to be audited. The observable object provides a decentralized location that includes logic responsible for auditing its own data. Should the audit detect a change in the data, a modifier object is created, which includes modify logic to accommodate the change. The modifier object is added to a pool of modifier objects, and at the appropriate time, one or more observers retrieve the modifier object and run the modify logic.